

AMENDMENT TO THE SPECIFICATION:

Please amend the carryover paragraph bridging pages 14, 15 as follows:

In order to accomplish the above object, in accordance with a first aspect of the invention, a method for producing a photostimulable phosphor represented by a following General Formula (1), comprises: subjecting phosphor particles in the photostimulable phosphor to a surface treatment by using a fluorine-containing compound after calcining the phosphor particles:

General Formula (1)



wherein M^1 is at least one alkaline earth metal atom selected from Mg, Ca, Sr, Zn and Cd; M^2 is at least one alkaline metal atom selected from Li, Na, K, Rb and Cs; ~~X is at least one halogen atom selected from Cl, Br and I;~~ Ln is at least one rare earth atom selected from Ce, Pr, Sm, Eu, Gd, Tb, Tm, Dy, Ho, Nd, Er and Yb; and x, y, a, b and c are numbers within the range of $0 \leq x \leq 0.3$, $0 \leq y \leq 0.3$, $0 \leq a \leq 0.05$, $0 < b \leq 0.2$ and $0 < c \leq 0.1$, respectively.

Please amend the carryover paragraph bridging pages 28, 29 as follows:

In the General Formula (1), M^1 is at least one alkaline earth metal atom selected from the group consisting of Mg, Ca, Sr, Zn and Cd; M^2 is at least one alkaline metal atom selected from the group consisting of Li, Na, K, Rb and Cs; ~~X is at least one halogen atom selected from the group consisting of Cl, Br and I;~~ Ln is at least one rare earth element selected from the group consisting of Ce, Pr, Sm, Eu, Gd, Tb, Tm, Dy, Ho, Nd, Er and Yb; and x, y, a, b and c are numbers within the range of $0 \leq x \leq 0.3$, $0 \leq y \leq 0.3$, $0 \leq a \leq 0.05$, $0 < b \leq 0.2$ and $0 < c \leq 0.1$, respectively.

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